Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 13 Sep 2023 until 23:59 on Thursday 14 Sep 2023

Forecast Issued on Wednesday 13 Sep 2023 at 04:48

Confidence: High confidence for a fine day on Wednesday. Low confidence in cloud and precipitation details from Thursday due to a slow-moving band of rain.

Headline for Wednesday 13 Sep 2023: Dry with sunny spells.

Mountain weather hazards on Wednesday 13 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	10%	10%

Forecast for Wednesday 13 Sep 2023

Weather: A chilly start in places with a few mist and isolated fog patches forming in valleys during the early hours. This quickly clearing to leave a dry and largely sunny day. Cloudier spells during the afternoon, with cloud then thickening from the northwest into the evening, turning late sunshine hazy. Rain slowly pushing southwards overnight.

Chance of cloud-free hill tops above 600m: 90% or above throughout.

Low cloud and visibility: Poor or very poor visibility in early mist and fog in valleys, soon clearing. Fair weather cloud will form from late morning with bases above the height of most summits. Cloud will tend to become more extensive later, lowering overnight to cover the hills. Very good visibility for most of the day, with good views of surrounding hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 13 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/21 NE	12/15 NE	7/11 E	9/12 S	10/15 S	17/25 S	20/29 S
300	7/14 E	10/14 NE	6/9 SE	7/10 S	7/13 S	12/21 S	13/21 S
Valley	2/10 S	9/15 E	4/8 SE	6/11 S	5/13 SE	8/22 SE	8/21 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	9/6	11/10	12/11	12/10	12/9	11/8
300	10/8	12/10	14/13	15/14	15/13	14/12	13/11
Valley	8/8	13/11	16/15	16/15	15/14	14/12	14/12
Freezing Level*	1600m	1500m	1700m	1900m	2000m	2700m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine day. Feeling cooler at height, but sun protection is still recommended due to UV levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 13 Sep 2023	0mm	0mm	0mm

Forecast for Thursday 14 Sep 2023

Weather: Showery rain arriving from the west overnight, locally heavy at times. This feature will make slow southward progress through the morning and could persist for much of the day with sustained low cloud, rain and drizzle. Brighter spells most likely north of Chapel-en-le-Frith during the afternoon. Rain should gradually ease and clear, but is then expected to return northwards late in the evening or overnight. Low confidence in details.

Maximum wind: Southwest 20-30mph gusting 30-40mph, winds easing by the afternoon to west 10-15mph.

Chance of cloud-free hill tops above 600m: 40%, gradually improving from the northwest to 70%. 40% overnight.

Low cloud and visibility: Extensive low cloud spreading across the Peaks with bases around 400m, gradually rising towards 600m by the middle of the day then perhaps breaking and largely clearing across northern areas for a time during the afternoon. Low cloud bases 400-500m likely to reform later in the evening and overnight. Visibility good outside of rain and drizzle, otherwise moderate to poor visibility.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 17 Celsius
At 600m: Plus 11 Celsius rising to Plus 14 Celsius
Freezing level: Above the summits

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